

# Water and Soil Resources

- Water Supply
- Wastewater Discharge
- Storm water Discharge
- Soil Issues
- Flood Control
- Impact(s)
- LORS Compliance

# Water Supply Uses

- Cooling (Thermal, inlet, etc.)
- Other Process/Industrial (non-cooling)
- Drinking/Sanitation
- Fire Suppression
- Water Use Efficiency/Conservation
- Quality
- Quantity

# Water Supply Sources

- Recycled Water
- Surface Water
- Ground Water
- Other (Degraded, Ocean, Wastewater, etc.)
- Quality
- Quantity
- Verified Source (Will Serve Letter/Contract)
- Impacts (on source(s) and other users)

# Wastewater Discharge Source

- Industrial Process (non-cooling)
- Cooling
- Storm water
- Spills
- Quality
- Quantity

# Wastewater Discharge Destination

- Surface Water
- Underground
- Treatment Plant (Off-site)
- Treatment Facility (on-site)
- Recycle/Zero Discharge (Concentrator, Crystallizer)
- Quality
- Quantity
- Permits

# Soils and Floods

- Soil Characteristics
- Erosion Control (Wind and Water)
- Sedimentation Control
- Soil Stabilization
- Loss of Agricultural Lands
- BMPs (Details)
- Flood Protection

# Federal Laws

- Clean Water Act---Section 404 (Dredging)
- Clean Water Act---Section 401 (Discharge)
- Clean Water Act---Various Sections (NPDES Permits)
- Others as appropriate

# State Laws

- Porter-Cologne Water Quality Control Act- (Waste Discharge Requirements)
- California Water Code §13550 et seq. (Reclaimed Water)
- SWRCB Policy 75-58 (Fresh inland water used when no other feasible sources are available)
- RWQCB---NPDES (SWPPP, Erosion and Sedimentation Plan, Spill Prevention)
- Local Laws (re: grading, drainage, stormwater, and contamination)